

ENGINEERING CHANGE NOTICE **DART AEROSPACE LTD**

MPP

| | | | | | | | | | |
|---------------|-------------------|-------------|--------------------|--------------|--------------------|-----------|----------|--------|---------|
| Date: | 15.07.20 | Job No.: | D119-756 | ADR Yes/No: | Y | ADR Date: | 15.07.02 | ECN #: | 15- 607 |
| Product No.: | D119-756 | Created By: | AP | Approved By: | <i>[Signature]</i> | | | | |
| Product Name: | Helicopter Basket | Checked By: | <i>[Signature]</i> | | | | | | |

| Distribution | Reqd | Resp | Initial / Date (YY/MM/DD) |
|--|------|----------|---------------------------|
| Director of Operations | Y | NF | <i>NF 15/07/21</i> |
| Production Manager / Coord. | Y | MP / MF | <i>MP 15/07/21</i> |
| Purchasing Manager / Purchasing Coord. | N | LL / CL | |
| Production Engineering Coord. | Y | DD / JLM | <i>JLM 15/07/21</i> |
| Production Engineering Coord. | N | DL | |
| Customer Order Processing | N | SL / BG | |

| Distribution | Reqd | Resp | Initial / Date (YY/MM/DD) |
|----------------------------|------|---------|---------------------------|
| DQA / QA Coord. | Y | PS / ED | <i>ED 15/07/21</i> |
| QC Coordinator | Y | PD | <i>PD 15/07/21</i> |
| Customer Support | Y | SW / LM | <i>LM 15/07/21</i> |
| Customer Technical Support | Y | MB / HS | <i>HS 15/07/21</i> |
| Marketing | Y | KO / SL | |
| Sales Support Manager | Y | CP | <i>CP 15/07/21</i> |

Reason for Change: CURRENT BASKET NOT COMPATIBLE WITH D119-756-XXX CROSS TUBES

Documents Affected:
INTRODUCE DSI 9729, D5283 REV A AND D5287 REV A

IF APPLICABLE: NCR: _____ PAR: _____ CAR: _____ CIR: _____ URF: _____

PAPERWORK UPDATE ☒ PARTS MUST COMPLY ☒ PREVIOUS PARTS SATISFACTORY ☐

| # | Quality Assurance Actions | Reqd | Resp | Notes | Complete |
|---|--|------|------|-------|----------|
| 1 | Notify Previous Customers | N | | | |
| 2 | Notify Eurocopter France | N | | | |
| 3 | Notify Augusta Westland | N | | | |
| 4 | Manufacturing Licensing Agreement Update | N | | | |

| # | Engineering Actions | Reqd | Resp | Notes | Complete |
|----|--|------|------|---|---------------|
| 5 | Required Documents/Drawings/Item ID's Under Review (URF) | N | | | |
| 6 | Update Master Document List (MDL) | Y | AP | MDL-119-756 REV K/ MDL-119-756-EASA REV C | 15.07.21 A.P. |
| 7 | Update Document Record (DR) | N | | | |
| 8 | Update Product Compatibility Matrix | Y | MB | | 15.07.21 |
| 9 | Notify TC / FAA of Change (eg. ICA, 8110-3) | N | | | |
| 10 | | | | | |

| # | Document Control Actions | Reqd | Resp | Notes | Complete |
|----|--|------|------|-----------|-----------------------------|
| 11 | Move / Update Electronic Files / Design Journal | Y | KJ | | 15.07.20 <i>[Signature]</i> |
| 12 | Update Product Specification Files (Bluefiles) | Y | KJ | | 15.07.20 <i>[Signature]</i> |
| 13 | Update Approved/Preliminary Dwg PDF Files | Y | KJ | | 15.07.20 <i>[Signature]</i> |
| 14 | Update Product Development Summary (STC applications) | N | | | |
| 15 | Update QSI 021 (TC/FAA STC) and/or STC Approval List | N | | | |
| 16 | Create/Update Parts / STC Database | Y | KJ | | 15.07.20 <i>[Signature]</i> |
| 17 | Update / Verify Airworthiness Release Certificate Database | Y | KJ | #108 | 15.07.20 <i>[Signature]</i> |
| 18 | Create / Update Change Record Form / Item Card Database | Y | KJ | SEE BELOW | 15.07.20 <i>[Signature]</i> |
| 19 | Create / Update Packaging Process Plan (PPP) | Y | KJ | | 15.07.20 <i>[Signature]</i> |
| 20 | Red Decals required on Packaging Process Plan (PPP)? | N | | | |
| 21 | Update Controlled Supplier Documents (Qpulse) Database | N | | | |
| 22 | Update Grey Project Binder / Electronic Project Folder | Y | KJ | | 15.07.20 <i>[Signature]</i> |
| 23 | Update D-Part / M-Drawing / DSI / DEO Master Binders | Y | KJ | | 15.07.20 <i>[Signature]</i> |
| 24 | Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) | N | | | |
| 25 | | | | | |

Description / Action:
DSI 9729-011 AND D119-756-111@CHG001

Remove compatibility note in 756 Basket blue files regarding D119-756 cross tubes
A.P. 15.07.21

N/A NO STEP 2 *[Signature]* 15-7-29

ECN Verified & Complete: _____ Date: _____

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | | | | | | | | |
|--|--|--|--|--|---|--|-----------------------|--|--|
| Work Order: _____ Part No. _____ NCR No. _____ | | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/> | | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | | | | |
| Date : | | Step #: | | QTY Effective : | | | MRB (QS1042) Approval | | |
| Description Work Order Deviation | | | | Disposition | | | | Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval | |
| | | | | | | | | | |
| | | | | | | | | | |
| Root Cause | | FAULT CATEGORY | | | | | | | |
| Environment <input type="checkbox"/> | No Re-verification <input type="checkbox"/> | Pressure/Forced <input type="checkbox"/> | Temperature/Cure <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/> | Positioned Wrong <input type="checkbox"/> | | | | |
| Design <input type="checkbox"/> | Operator <input type="checkbox"/> | Bending <input type="checkbox"/> | Set-up <input type="checkbox"/> | Folio/Program <input type="checkbox"/> | Outside Dimensions <input type="checkbox"/> | | | | |
| Doc/Data <input type="checkbox"/> | Offset/Setup <input type="checkbox"/> | Centre Not Concentric <input type="checkbox"/> | BOM/Route <input type="checkbox"/> | Grain <input type="checkbox"/> | Over/Under tolerance <input type="checkbox"/> | | | | |
| Equip/Tooling <input type="checkbox"/> | Supplier <input type="checkbox"/> | Cracks <input type="checkbox"/> | Broken/Damage/Defect <input type="checkbox"/> | Weld <input type="checkbox"/> | Part Incorrect <input type="checkbox"/> | | | | |
| Handling/Pre <input type="checkbox"/> | Training <input type="checkbox"/> | Crimp/Kink/Ripple/Wave <input type="checkbox"/> | Inspection Incomplete/Unqualified <input type="checkbox"/> | Wrong Stock Pulled <input type="checkbox"/> | Part Lost/Missing <input type="checkbox"/> | | | | |
| Material <input type="checkbox"/> | Use for Testing <input type="checkbox"/> | Cuffs <input type="checkbox"/> | Contamination <input type="checkbox"/> | Out of Sequence <input type="checkbox"/> | Part Moved <input type="checkbox"/> | | | | |
| Internal Transport <input type="checkbox"/> | Poor Information <input type="checkbox"/> | Crushing <input type="checkbox"/> | Countersink <input type="checkbox"/> | Off-set <input type="checkbox"/> | Drawing <input type="checkbox"/> | | | | |
| Tribal Knowledge <input type="checkbox"/> | Rushing <input type="checkbox"/> | Heat Treat <input type="checkbox"/> | Cut Too Short <input type="checkbox"/> | Mislabeled <input type="checkbox"/> | Finish <input type="checkbox"/> | | | | |
| LOA <input type="checkbox"/> | Product Improvement <input type="checkbox"/> | Wave/Twist in Tube <input type="checkbox"/> | Instructions Incomplete/Unclear <input type="checkbox"/> | Fit/Function <input type="checkbox"/> | Misread <input type="checkbox"/> | | | | |
| Substation <input type="checkbox"/> | Process Improvement <input type="checkbox"/> | Marks/Chatter <input type="checkbox"/> | Drill Holes <input type="checkbox"/> | Misaligned/off center <input type="checkbox"/> | Turning Sequence <input type="checkbox"/> | | | | |
| Past Expiry Date <input type="checkbox"/> | Manufacturing Process <input type="checkbox"/> | OTHER : | | | | | | | |
| Misidentified <input type="checkbox"/> | Past Due <input type="checkbox"/> | | | | | | | | |